



# LIVE FIRE LEADER BRIEFING

# NATIONAL TRAINING CENTER

[www.irwin.army.mil/dragon/index.htm](http://www.irwin.army.mil/dragon/index.htm)



- **Task:** Conduct an overview of Live Fire ROE, Live Fire prerequisites, and Live Fire safety to the BCT leadership
- **Conditions:** Given the key BCT leadership and a one hour block of instruction
- **Standard:** All attending BCT leadership will be familiar with the highlights of Live Fire ROE, Live Fire prerequisites, and Live Fire safety



# LIVE FIRE

- Provide the most realistic and demanding Live Fire training possible
- Live Fire is not a range - OCs are not Range Safety Officers
- Unit responsibility
- Same force protection measures as actual combat



# OBSERVER CONTROLLERS

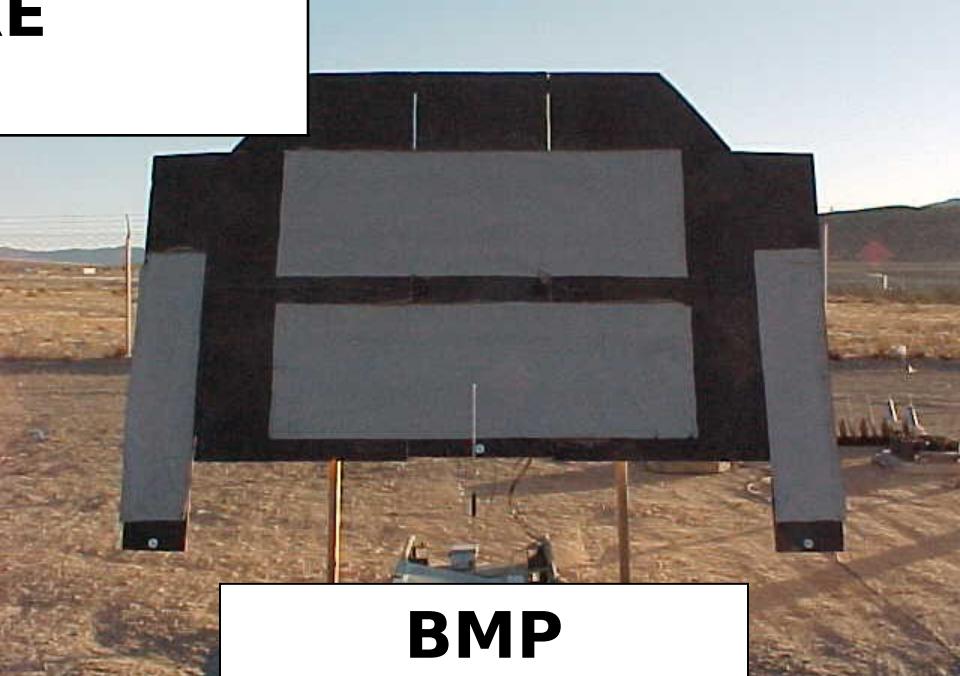


- Same as Force on Force
- Enforce the ROE
- Provide battlefield effects
- Assess BLUEFOR “kills” based on engagement ranges, LOS, reaction to contact, enemy capabilities and safety
- Dragon Team Live Fire trainers (52d DIV)  
LIVE FIRE OS)

# LIVE FIRE OPFOR



**T80**



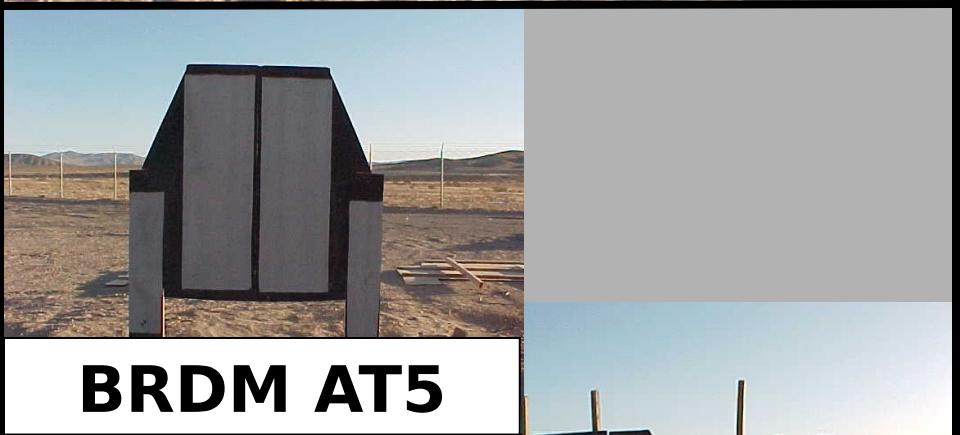
**BMP  
FRONTAL**

Live Fire

1600 (+)  
area

- Stationary
- Reverse Polarity

- All ballistic hit detector (.50 cal & greater)
- All laser hit detector (TOW/Dragon/Javelin/AT4)



**BRDM AT5**

Controlled by UHF radio frequencies

- Controller boxes during offensive operations
- Live Fire Driver (Solaris computer) during defensive operations



**BMP FLANK**

# LIVE FIRE OPFOR



## Dismounted Infantry

- over 200 targets
- 3D targets (wearing desert camouflage)
- Standard range infantry targets

## Simulated Mortars

# Weapons Effects/Simulations



- Enemy direct fire - Hoffman
- A hit on enemy vehicle - Steel on steel
- Antitank/ADA systems - Smokey Sams



# OPFOR AIR



SU-25 Flogger

Can be engaged by:

Live Stinger

Stinger MILES

All BCT weapons 25mm & below

MI-24 Hind



1/5 scale fixed & rotary wing



# LIVE FIRE OPFOR

- OPFOR Engineers
  - \* Mines employed (tan & blue)
  - \* Wire obstacles employed (concertina)  
(Do not breach barbed wire: off limits areas/live mines)
  - \* ROE (same as Force on Force)
- OPFOR Artillery
  - \* Eyes on BLUEFOR, BLUEFOR activity
  - \* Casualties based on BLUEFOR reaction
  - \* FASCAM - Yellow smoke
- OPFOR NBC
  - \* ROE (same as Force on Force)
  - \* Nonpersistent only



# WEAPON SYSTEM PREREQUISITES



- Per FORSCOM 350-50-1, DA PAM 350-38, NTC ROE 1 NOV 01
- Waiver Requests due thru BCT CDR to O/C Team no later than RSOI 4 1500 hrs

Requires COG approval

Waiver request approvals are the exception



# WEAPON SYSTEM PREREQUISITES



## M1A1

- TTVIII w/in last 6 months (NOTE 1)
- **TC/GNR QUAL TOGETHER** (NOTE 1)
- **4 man crew (19K)** (NOTE 2)

## M2/M3/BSFV

- BTVIII w/in last 6 months (NOTE 1)
- **BC/GNR QUAL TOGETHER** (NOTE 1)
- **3 man crew (11M or 19D)** (NOTE 3)

Reference: (1) FORSCOM 350-50-1, para 1-5a (3), 31 MAR 98

(2) NTC ROE, para 3-9 (6), 1 NOV 01

(3) NTC ROE, para 3-9 (7), 1 NOV 01



# WEAPON SYSTEM PREREQUISITES



## INDIVIDUAL (NOTE 1) WEAPONS

- Qualify IAW DA PAM 350-50-1 within six mos

Reference: (1) NTC ROE, para 3-9 (3a), 1 NOV 01



# WEAPON SYSTEM PREREQUISITES



## INFANTRY/

(NOTE 1)

- Squad or platoon level LFX w/in last 6 mos

## SCOUT

- Units

**who will clear trenches/bunkers must rehearse SQUADS  
and demonstrate proficiency IAW FM 7-8 Battle Drills**

**(OC observed) (NOTE 2):**

Battle Drill 1, Platoon Attack

Battle Drill 1A, Squad Attack

Battle Drill 5, Knock Out Bunkers

Battle Drill 7, Enter/Clear Trench

Battle Drill 8, Initial Breach of Wire/Mine Obstacle

Reference: (1) NTC ROE, para 3-9 (10a), 1 NOV 01

(2) NTC ROE, para 3-9 (10b-c), 1 NOV 01



# WEAPON SYSTEM PREREQUISITES

## OH-58D/AH-64

months

XII w/in

collective

- Aircrews Table VIII qualified w/in 12

IAW FM 1-140 (NOTE 1)

- Collective live fire equivalent to Table X or

6 months (NOTE 2)

\* Table VIII w/in 6 months satisfies the  
training requirements

## UH-60/CH-47

### Appendix A

Reference: (1) NTC ROE, para 3-9 (4a), 1 NOV 01 & FORSCOM 350-50-1, App F3a, 31 MAR 98

- Door gunners qualified IAW FM 1-140

w/in 6 months IAW FM 1-140 (NOTE 3)

(2) NTC ROE, para 3-9 (4b), 1 NOV 01

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LIVE  
FIRE

(3) NTC ROE, para 3-9 (5), 1 NOV 01 FORSCOM 350-50-1, App F3b, 31 MAR



# WEAPON SYSTEM PREREQUISITES



**.50 CAL MG\*** - All qualifications w/in 6 months (NOTE 1)  
**M60 MG/M240B\***  
**TOW**

**\* If weapons are mounted, a mounted Live Fire Exercise must have been conducted; this can be a familiarization and fired at the NTC (NOTE 1)**

Reference: (1) NTC ROE, para 3-9 (3e), 1 NOV 01



# WEAPON SYSTEM PREREQUISITES



## AT-4/Dragon/ Javelin

- Qualify on Table III and IV (NOTE 1)
- Have participated in a PLT/ Company EXEVAL w/in 6 months (NOTE 1)

## Grenade (NOTE 2) months

- Have thrown a live Frag w/in 12 months
- Have negotiated a Grenade Course w/in 6 IAW FM 23-30 (NOTE 2)

Reference: (1) DA PAM 350-38, 3 JUL 97

(2) NTC ROE, para 3-9 (3c), 1 NOV 01



# WEAPON SYSTEM PREREQUISITES



## Mortars months

- Qualified to Live Fire Exercise standards w/in 6 months
- Have an EXEVAL w/in the last 6 months

## 60mm

- 3-man gun crew (2 X 11Cs)
- FDC (section leader & squad leader) are NCOs

## 81/107/120mm

- 4-man gun crew (3 X 11Cs)
- FDC of 4 men (3 X 11Cs)

Reference: NTC ROE, para 3-9 (3f), 1 NOV 01



# WEAPON SYSTEM PREREQUISITES



**Field Artillery** - Command safety certified IAW DA PAM 385-63

**M119**

- Requires a 5-man howitzer crew

**M109A3-A5**

- Requires a 5-man howitzer crew

**M109A6**

- Requires a 4-man howitzer crew

**M198**

- Requires a 7-man howitzer crew

**MLRS**

- Requires at least a 2 man SPLL crew

Reference: NTC ROE, para 3-9 (3f), 1 NOV 01



# WEAPON SYSTEM PREREQUISITES



## Manpads Stinger

the STPT scenarios or MTS reels w/in drills

- Squad qualified 4 of 5 Hostile Presentations using either scenarios, IMTS 12 months
- Conducted and passed Stinger (ARTEP 44-117-11) w/in 3 months

## Avenger/Linebacker

Hostile the STPT scenarios or MTS reels w/in 117-21-

- Squads qualified 4 of 5 Presentations using either scenarios, IMTS 12 months
- Qualified in all drills (ARTEP 44-Drill) w/in 3 months



# WEAPON SYSTEM PREREQUISITES



**MICLIC**  
**Bangalore**  
**Live Mines**

- Live training w/in 12 months (NOTE 1)

**Claymore**  
disarmed inert (NOTE 2)  
Soldiers Manual of  
live mine  
3 months

- Soldier emplaced, armed, and  
mine w/in 6 months IAW  
Common Tasks

- Squad emplaced, armed, and disarmed  
during squad or platoon LFX w/in

Reference: (1) NTC ROE, para 3-9 (3d), 1 NOV 01

(2) NTC ROE, para 3-9 (3b), 1 NOV 01



# RULES OF ENGAGEMENT



- Mandatory Drills/Briefings at NTC
  - Vehicle fire evacuation drills BCT Responsibility
  - Vehicle rollover drills BCT Responsibility
  - Misfire procedures BCT Responsibility
  - Action in event of flareback (M1) BCT Responsibility
  - View no power thermal (reverse polarity) targets BCT Responsibility
  - Live Fire Safety Briefing
    - (all BCT soldiers/contractors/Conducts) Dragon Team
    - & all conducting Live Fire events)

Reference: NTC ROE, para 3-9 (8), 1 NOV 01



# RULES OF ENGAGEMENT



- Special Equipment - General
  - Body Armor.
    1. All soldiers will deploy to the National Training Center with body armor per CTA 50-900 (NOTE 1).
    2. Soldiers will wear body armor during all live fire events (NOTE 1).

Offense - worn not later than one hour prior to the earliest element's line of departure (LD) time.

Defense - worn not later than 1 hour prior to the defend time as specified in the OPORD.
    3. Contractors will wear body armor prior to entering training area during Live Fire (NOTE 2)

References: (1) NTC ROE, para 3-10, 1 NOV 01  
(2) NTC ROE, para 1-3, 1 NOV 01



# RULES OF ENGAGEMENT



- Special Equipment - Dismounted Operations
  - Eye protection, hearing protection, and flak vest mandatory

Reference: NTC ROE, para 3-11 (2), 1 NOV 01



# STRONGPOINT

## GENERAL

- Usually daylight only (night on case-by-case)
- Must rehearse and demonstrate proficiency IAW FM 7-8 Battle Drills (OC observed):
  - \* Battle Drill 1, Platoon Attack
  - \* Battle Drill 1A, Squad Attack
  - \* Battle Drill 5, Knock Out Bunkers
  - \* Battle Drill 7, Enter/Clear Trench
  - \* Battle Drill 8, Initial Breach of Wire/Mine Obstacle
- Lead man in trench marked

Reference: NTC ROE, para 3-11, 1 NOV 01



# STRONGPOINT

## DIRECT FIRE (NOTE 1)

- 5.56mm & 9mm only in trench
- Do not engage pneumatic firing devices
- No “point blank” firing into enemy firing ports within 25m
- No shooting out of the trench
- Muzzles pointed down when not firing
- M60s/M240Bs/.50cals tripod mounted with metal-to-metal contact (NOTE 2)
- Use proper SDZs (NOTE 2)

References: (1) NTC ROE, para 3-11, 1 NOV 01  
(2) DA PAM 385-63



# STRONGPOINT

## DIRECT/INDIRECT FIRES RESTRICTIONS:

- Bravo Gap Trench:  
Indirect Fires - 200m RFA for 155mm & above only
- Refrigerator Gap Trench:  
Indirect Fires - 200m RFA for 155mm & above only

## BANGALORE TORPEDOES:

- Must rehearse (OC observed)
- Use proper SDZ



# STRONGPOINT

## GRENADES

- Keep count of grenades
- Use only ammo pouches to carry grenades
- Grenades not attached to web gear on vehicles or helicopters (AR/DA PAM 385-63)
- No grenades outside of trench/bunkers
- Entering Trench (Battle Drill 7, FM 7-8)
  - \* 2 Soldiers: feet to feet
  - \* Grenades dropped
  - \* Soldiers roll away and grabbed

Reference: NTC ROE, para 3-11 (2e), 1 NOV 01



# STRONGPOINT

## DUDS (indirect, grenade, AT4)

- Mark
- If dud is inside trench or within 5 meters then section of trench/bunker is off-limits (consider cleared of enemy)
- Unit soldier stands guard with OC
- AT4 dud must be located and destroyed before scenario continues
- Continue mission tactically
- BCT EOD under DIV control & on site at strongpoint

Reference: NTC ROE, para 3-11 (3-4), 1 NOV 01



# STAKING REQUIREMENTS

## Conditions

### DAY

#### **NIGHT\_Security Force**

**Staking Required**

**Note:** If the Security Force falls back for the Main Defense they must be staked at the Main Battle positions. Must conduct reduced force rehearsals.

#### **Main Battle Position**

**Staking Required**

**Staking Required**

#### **Reserve Force**

**No Staking Required**

**Staking Required**

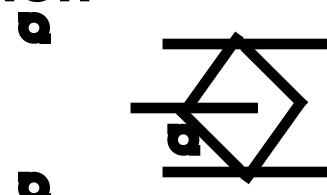
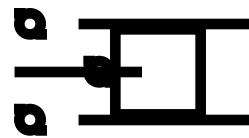
**Note:** The Reserve Force must rehearse its movement into the battle position under the conditions of the move. If it will move during daylight it must rehearse during daylight, if it



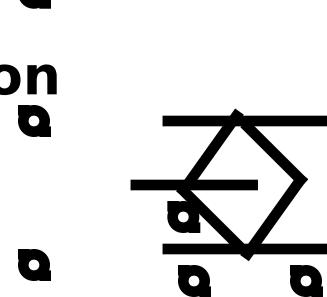
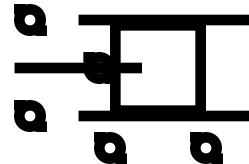
# STAKING

- 3 stakes for deliberate/dug-in position
- 5 stakes for hasty position
- Limiting stakes not sector stakes

**Dug - In Position**

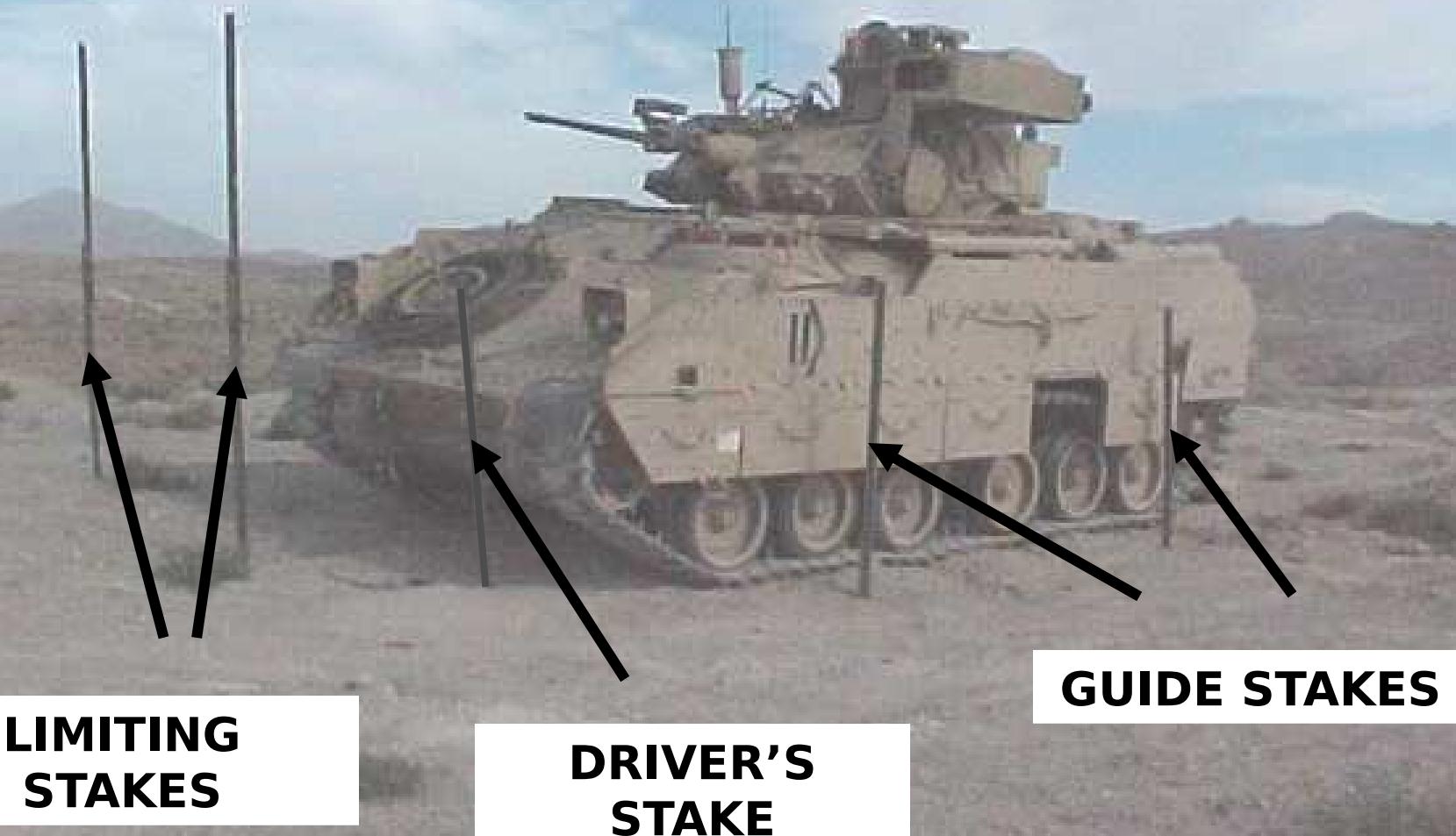


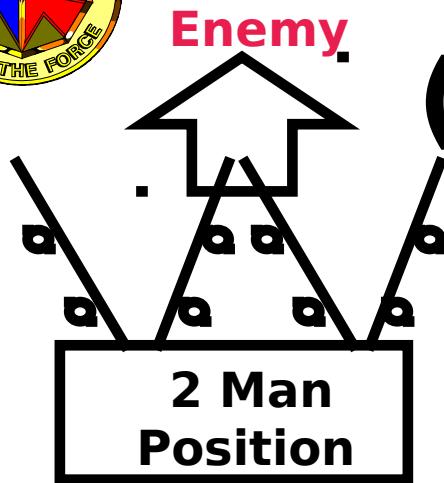
**Hasty Position**



Reference: NTC ROE, para 3-10 (3), 1 NOV 01

# ABOVE GROUND POSITION STAKING REQUIREMENTS





# STAKING (DISMOUNT)



- Fighting position built IAW USAIS GTA 7-6-1
- Fighting Position Overhead Cover (FPOC)  
IAW USAIS GTA 7-6-1
- 18 inches overhead cover (NOTE 1)
- Limiting stakes (4 per soldier)

Reference: (1) NTC ROE, para 5-7 (6b), 1 NOV 01

# **DISMOUNTED FIGHTING POSITION STAKING REQUIREMENTS**





# WEAPONS SAFETY POSTURE



- Weapons Safety Postures

- **Green and Clear:** All weapons clear and on electrical/mechanical safe
- **Green:**
  - Attack Helicopters: Tubes/launchers may be loaded; 30mm not visible in flex chute with gun cannon plug disconnected; M2 .50 cal (prior to take off, round in feed tray, master arm in STBY, gun switch safe, bolt to rear), otherwise unload
  - BFV 25MM: Electrical/mechanical safe, round in feeder, but ghost round not cycled
- **Red Direct:** Weapons systems loaded; electrical or mechanical safe on
- **Red Direct for Lasing:** Permission to use lasers
- **Red Indirect:** Permission to engage identified targets
- **Check Fire:** Cease all firing immediately; electrical safe engaged
- **Check Fire Freeze:** (FA/mortars only), cease firing immediately and evacuate all guns immediately
- **Cease Loading:** (FA/mortars only), continue firing current rounds in tube only; do not load additional ammunition



# WEAPONS CONTROL STATUS



Used in conjunction with RED DIRECT

- Hold: Engage only if ordered to engage
- Tight: Engage only targets that are positively identified as enemy and gun target line cleared (5/9 Fingers)
- Free: Not an authorized Weapons Control Status at NTC

Reference: NTC ROE, para 3-12, 1 NOV 01

LIVE  
FIRE



# WEAPONS SAFETY POSTURE



***Green and Clear:*** All weapons cleared (any misfires removed); all weapon systems inspected by vehicle commander or first line supervisor; ammo may be in ready boxes.

**Attack Helicopters**--Aircraft downloaded; TOW launchers empty, including ATWESS.

**BFVs**--25mm Feeder Assembly disconnected, cleared, timed, and reinstalled; ammunition downloaded; TOW launchers lowered and empty, including ATWESS.

**MLRS**--Pods on launcher with LLM in stowed position.

**MICLIC**--Charge and rocket loaded and secured; rocket head pin and rocket electrical cable disconnected.

**GVLLD**--Inhibiter plug installed and power switch off with handle locked in “up” position

Reference: NTC ROE, para 3-12, 1 NOV 01



# WEAPONS SAFETY POSTURE



Green: All weapons unloaded, breach opened, and tubes cleared,  
including ATWESS.

Attack Helicopters--Tubes/launchers may be loaded; 30mm not visible in flex chute with gun cannon plug disconnected; M2 .50 cal unloaded.

BFV--Manual and electrical safes engaged; ammunition may be uploaded in feeders for 25mm, but “ghost round” not cycled; TOW launchers lowered and empty, including ATWESS.

Claymore/Demo--Blasting caps inserted and system tested, firing device not attached.

MLRS--Pods on launcher with LLM in stowed position.

MICLIC--Tie-down straps removed from MICLIC system; rocket head pin installed; rocket electrical cable connected.

Reference: NTC ROE, para 3-12, 1 NOV 01



# WEAPONS SAFETY POSTURE



**Red Direct**: All direct fire weapons may be loaded; systems on safe Red Direct will not be granted until the BCT/TF Commander has 100% accountability of all personnel and equipment IAW ROE.

Attack Helicopters--Electrical arm switches on safe or standby.

BFVs--Electrical safe engaged with ghost round cycled; missiles/ATWESS loaded in launcher.

M1s--Battle Carry per unit SOP, electrical and manual safe engaged.

Machine Guns/COAX/MK19--Manual safe with bolt locked to the rear.

Claymore/Demo--Firing device connected on safe with blasting cap inserted.

Javelin/AT4/Stinger/Dragon--Configured for firing with electrical and or manual safe engaged.

MICLIC--May raise rocket



# WEAPONS SAFETY POSTURE



***Red Direct for Lasing:*** Laser systems are direct fire weapons; lasers can be used without eye-safe filters in Live Fire area of operations; clearance to lase requested and granted in same manner as direct fire weapons systems; units must request “Red Direct for Lasing” when not in “Red Direct” status; when granted, lase only upon OC verification area is clear.

***Red Indirect:*** Field artillery and mortars can execute fire missions against cleared targets in support of Live Fire operations after receiving clearance from higher headquarters; operational graphics, FSCMs, and air corridors must be posted in FDCs.



# WEAPONS SAFETY POSTURE



**Check Fire:** Cease all firing immediately; electrical safe engaged

**Check Fire Freeze:** (FA/mortars only), cease firing immediately and evacuate all guns immediately

**Cease Loading:** (FA/mortars only), continue firing current rounds in tube only; do not load additional ammunition



# LIVE FIRE C<sup>2</sup>

- 52d Division TAC (DTAC) C2
- RESPONSIBILITIES
  - Verify 100% accountability and safety procedures
  - Control weapon safety posture
  - Manage division A<sup>2</sup>C<sup>2</sup> program



# WEAPON SAFETY POSTURE AUTHORIZATION

- 52d ID TAC issues RED DIRECT to BCT upon request after verification from the covering Observer/Controller team.
  - 100% accountability of all personnel required.
  - Encompasses all BCT units/weapon systems except Live Stinger, Hellfire, and 2.75" rockets.
- BCT is not authorized RED DIRECT after EENT (for offense) except for Army aviation rotary wing aircraft (deep); with ADC (M) approval 7.62 Sniper and light Infantry.
- Once RED DIRECT, units will not move any distance greater than the RP/LP until a GS



# WEAPON SAFETY POSTURE AUTHORIZATION

- BCT requests RED DIRECT for separate events/activities if not already RED DIRECT -
  - Lasing
  - Mortar Lanes
  - MP Live Fire (Challenger)
  - FARP Live Fire
  - BSA Defense
  - Fire
  - Road Cratering missions
  - Screen/Zero Range
  - UH60 Door Gunnery
  - Limaville
  - CSAR
  - Convoy Ambush Live
- 100% personnel/equipment accountability must be maintained throughout Live Fire week.



# WEAPON SAFETY POSTURE AUTHORIZATION

## RED INDIRECT -

- Same basic procedures as RED DIRECT.
- Maneuver graphics and the following FSCMs must be posted/verified:
  - All no-fire areas/restrictive fire areas
  - All airspace coordination areas
  - All air corridors
- Unit must adjust fires if the 5 requirements for accurate predicted fires are not met.
- No overhead mortar fires.
- Mortars must fire 3 rounds to settle base plates.



# WEAPON SAFETY POSTURE AUTHORIZATION



## GREEN & CLEAR -

- Upon destruction/penetration of the enemy threat (offense/counter-recon/defense/separate events).
- BCT decision - based on enemy threat/tactical situation.
- Report change of WSP to 52d TAC.
- Once the BCT reports GREEN & CLEAR, it must again go through the procedures to request RED DIRECT/INDIRECT.
- 52d TAC will only order the BCT to go GREEN & CLEAR if an emergency occurs or at EENT for offensive operations.



# INDIRECT FIRE MSDs

## ARTILLERY MINIMUM SAFE DISTANCES

	<u>LOW ANGLE</u>	<u>HIGH ANGLE</u>
105 MM	800M	800
M		
155 MM	800M	1,100 M
<u>CHG 3 GB/WB&amp; RB</u>	1,100 M	1,300 M

## MORTAR MINIMUM SAFE DISTANCES

60 MM	800 M
	(300 M with registration or direct lay)
81 MM	800 M
	(500 M with registration or direct lay)

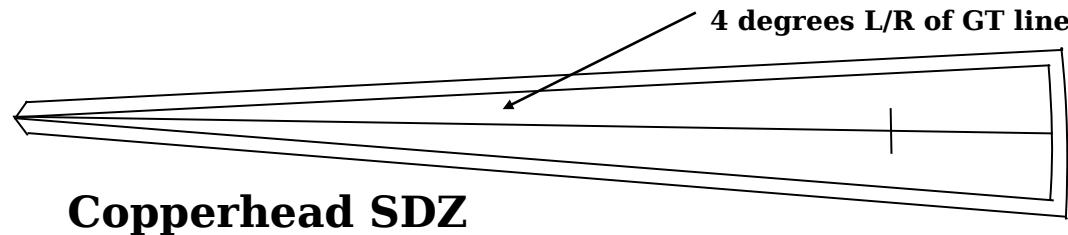
LIVE  
FIRE  
107 MM

800 M



# COPPERHEAD/RAP

- Not authorized for overhead fires
- Safety of use message limits copperhead firing to ballistic mode only. (Max rg 11,650m)





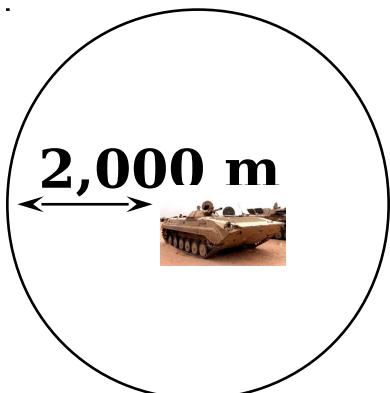
# CLOSE AIR SUPPORT

- 52d ID (M) will use “push CAS”. Submit preplanned CAS requests to G3 Air NLT 1000 hrs day prior to execution
- Formal ACAs requested 24hrs prior to execution on ACO
- Max altitude 15 KM; min altitude 10 KM for formal ACAs
- Informal ACAs using lateral, time and altitude separation are allowed during the LFX.
- All activation/deactivation of ACAs must be approved by DIV FSE
- Only direct control is authorized during the LFX
  - **Positive ID of target** (Target less than 7,500 meters of FLOT requires LIVE FIRE physical mark)

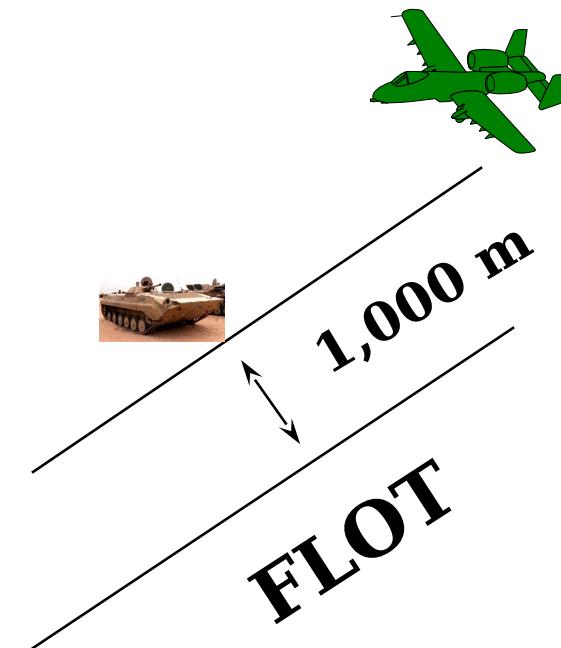
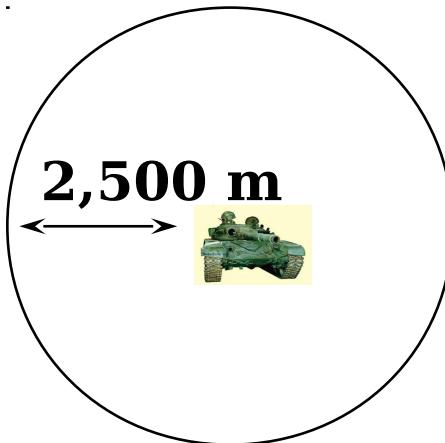


# CLOSE AIR SUPPORT (MSDs)

MK -82



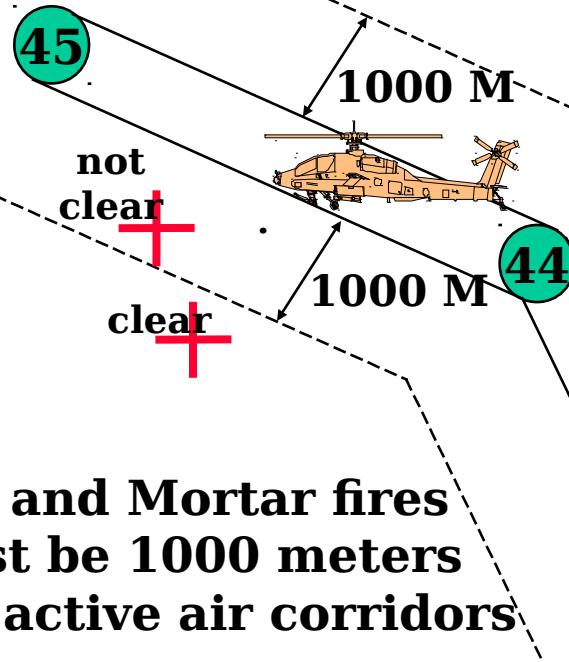
MK -84





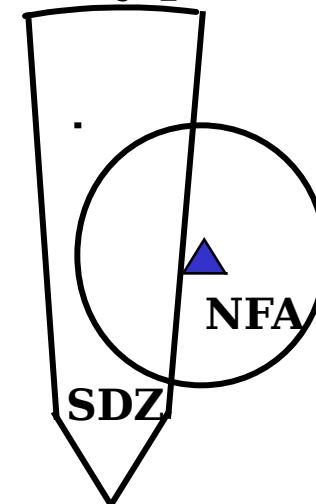


# Common Questions



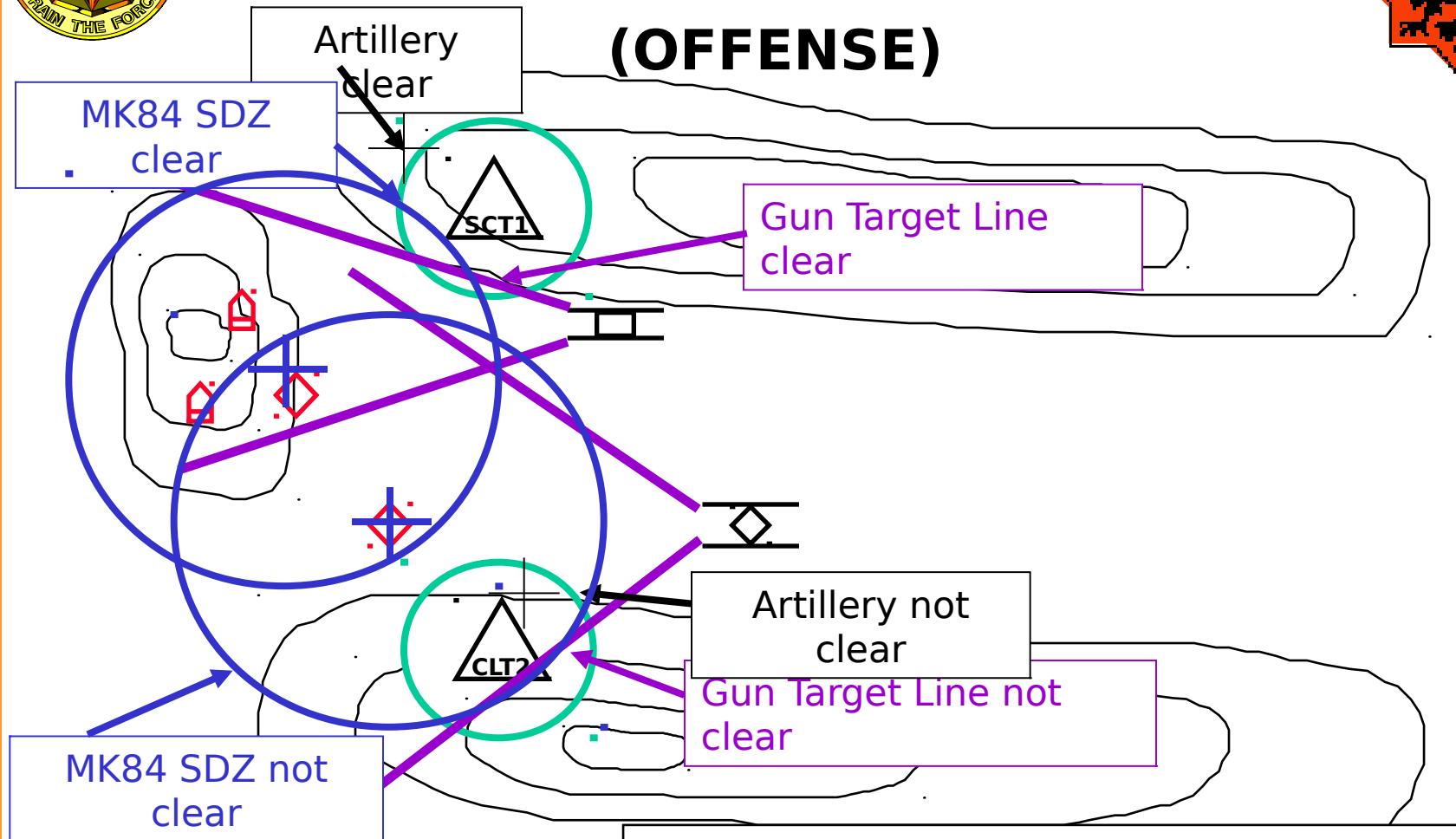
**FA and Mortar fires  
must be 1000 meters  
from active air corridors**

**Mortar overhead fire and  
direct fire SDZs can violate  
an NFA up to the location  
occupied by personnel**





# SURFACE DANGER ZONE (OFFENSE)



NFA Radius =  
1000M  
MK84 SDZ =  
2500M  
FIRE

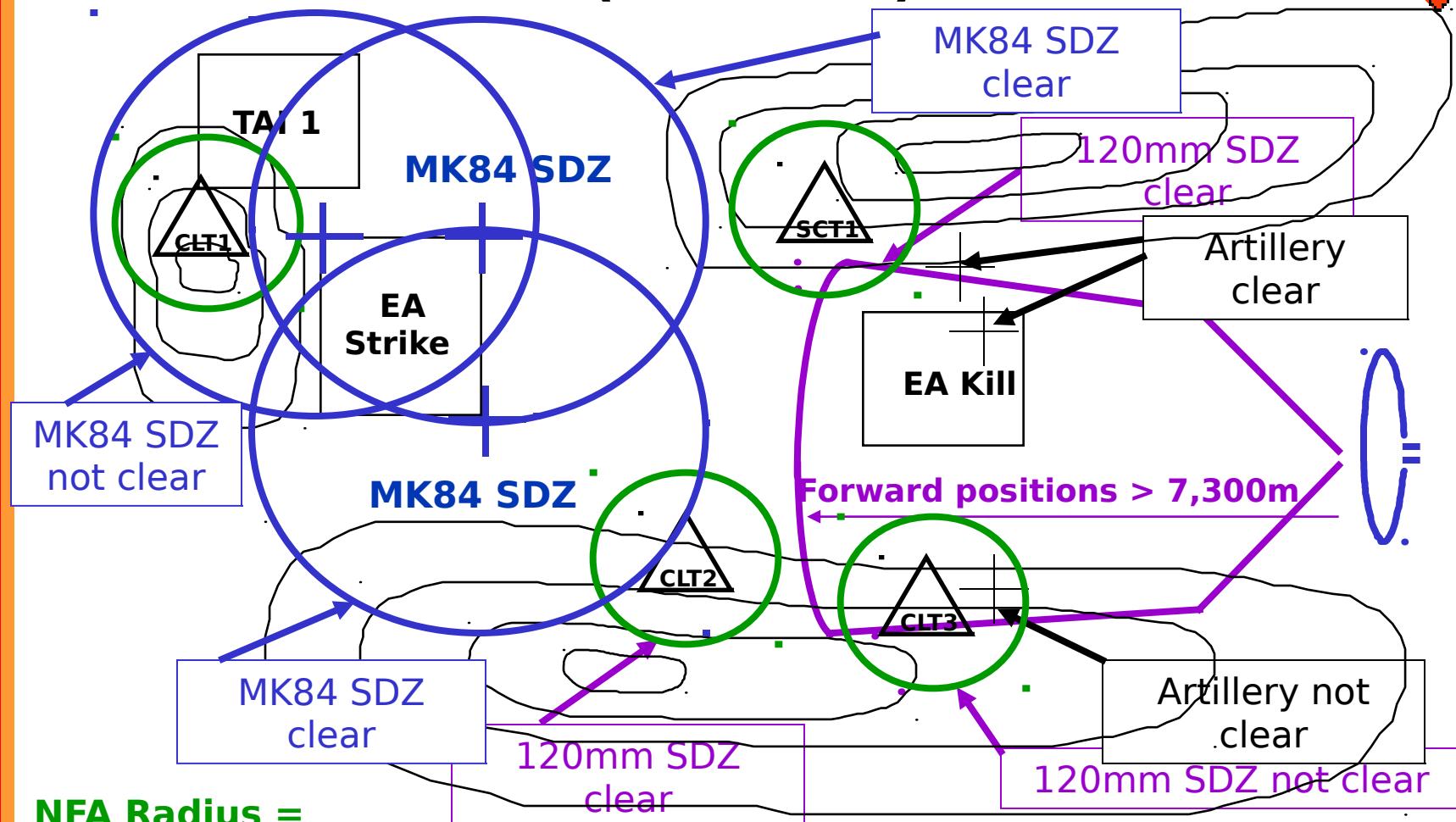
## Gun Target Line

- TC/BC responsibility
- Five finger and nine finger rules are in effect



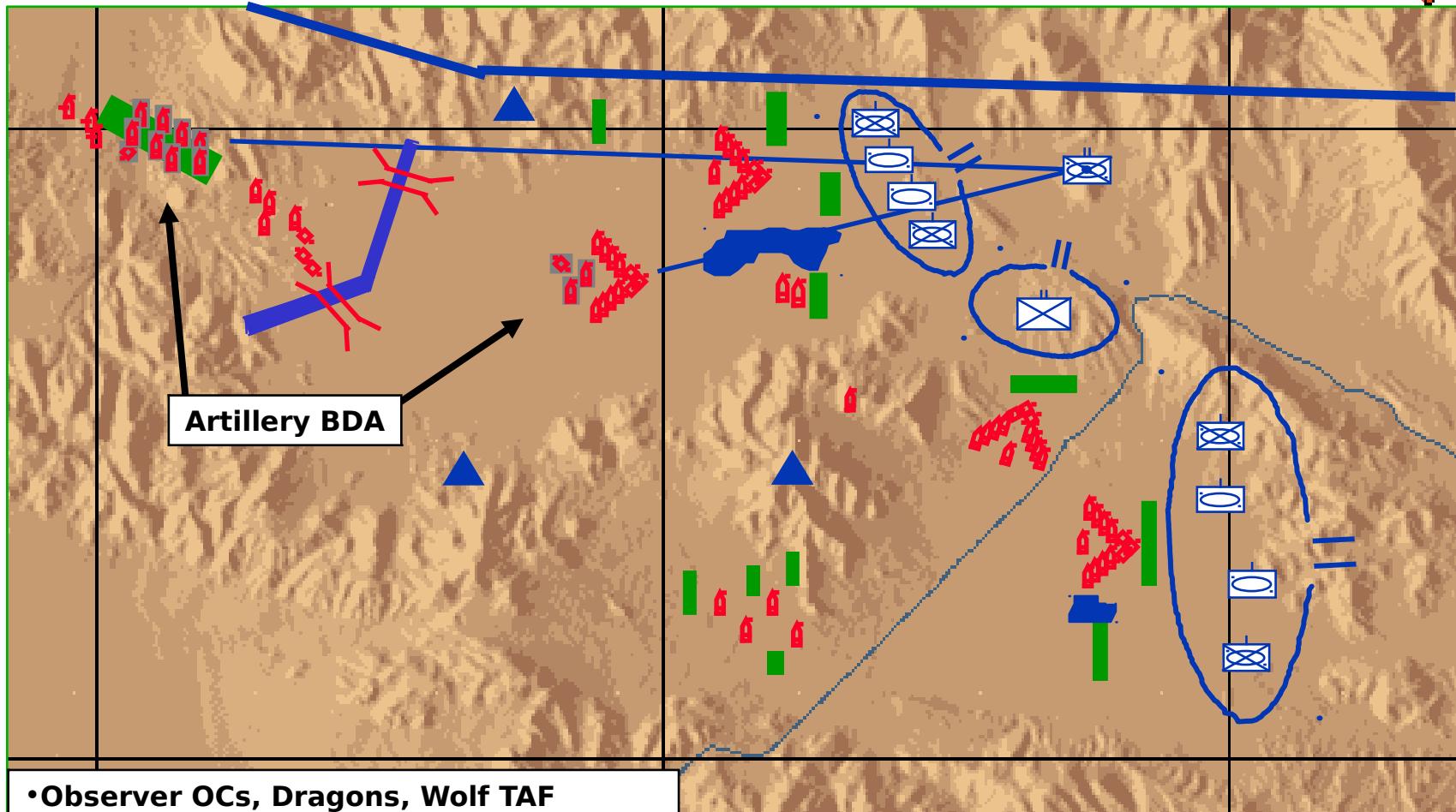
# SURFACE DANGER ZONE

## (DEFENSE)





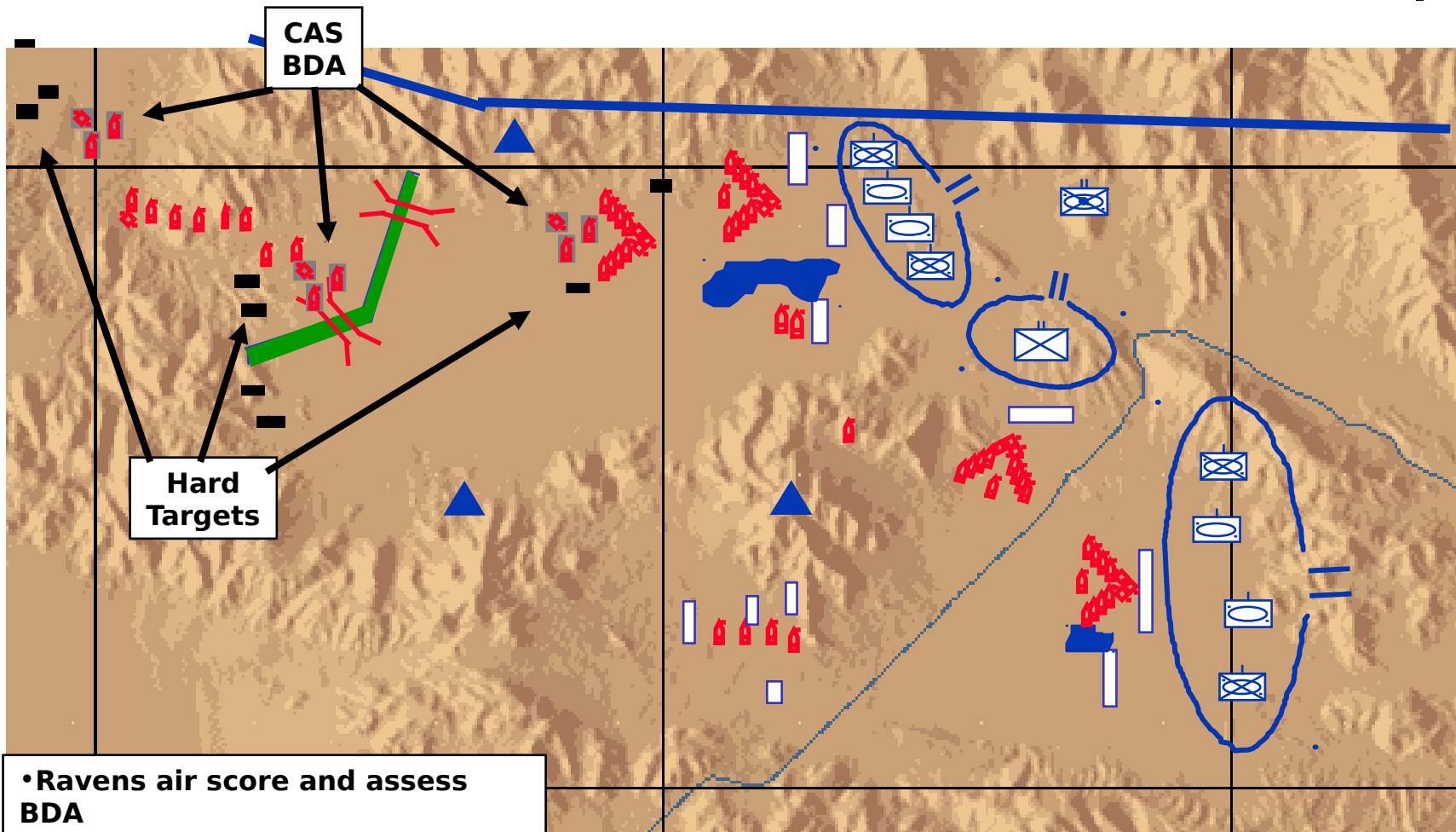
# ARTILLERY



- Observer OCs, Dragons, Wolf TAF assess BDA
- OPFOR then killed (gray boxed)
- Info passed to observers

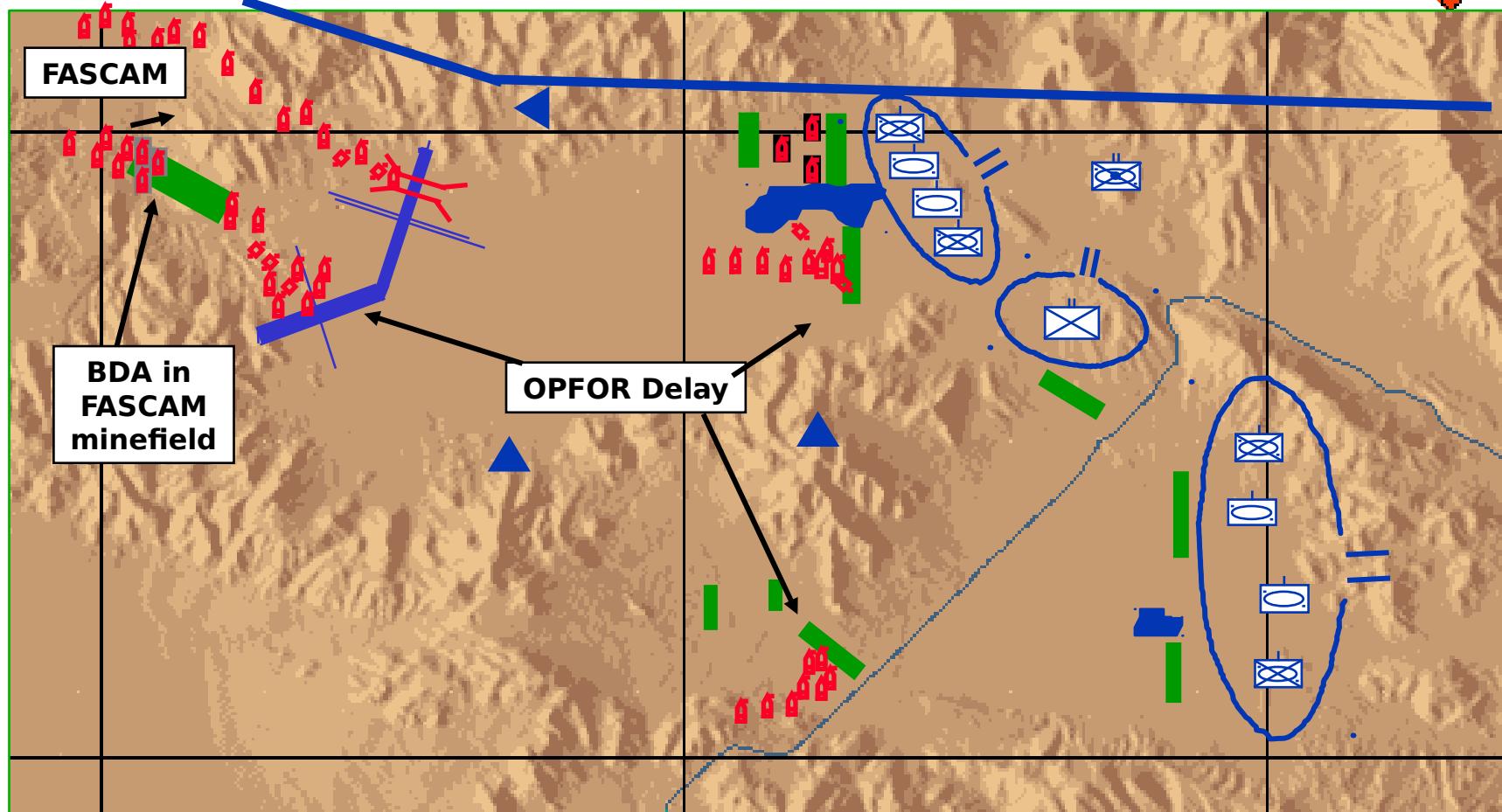


# CAS





# OBSTACLES



Successful engineering effort results in enemy delay times and BDA.



# CSS

- ROE (same as Force on Force)
  - MILES CASUALTIES
    - Go green & clear
    - Tube up and pointed toward the enemy
    - Kevlar/CVC and body armor remain worn
    - Player chain of command responsible, w/OC spot check
  - CASEVAC (BLUEFOR) (NOTE 1)
    - Offense - starts when FLOT has advanced far enough ahead of casualties to allow medics to safely evacuate casualties
    - Defense - starts when BCT IS GREEN & CLEAR for direct fire
- Reference: (1) NTC ROE para 7-17 (1a-b), 1 NOV 01



# SIGNAL

- No cell phones, Family Service Radios, Motorola HT1250's, ICOM IC-F4S, CBs during Live Fire week
- ICOM IC-F3S and PRC-127s
  - (approval by NTC Spectrum Management required)
- Frequency Hopping during Live Fire authorized



# LIVE FIRE KEYS TO SUCCESS



- Live Fire Effects Safety Brief:
  - 100% of BCT
  - All other personnel conducting Live Fire operations (FARP, BSA, MP, etc)
- Screen M1/zero M2/test fire .50 cal as early as possible--Showstoppers: ammo, target prep, TCPs, medics
- Utilize the Live Fire LNOs (Dragon Team)
- Use the Division Enemy SITEMP/intell annex
- Do not be misled by past NTC Live Fire experience: Scenarios, targetry, and obstacles have changed
- Integrate all combat multipliers
- Use SDZ templates to shape options



# LIVE FIRE PRACTICAL EXERCISE



RSOI 2 @ 1530 in BLDG 599 for the following:

Assistant S3's  
S3 Air  
BDE FSO  
BN FSO's  
ALO/ETAC's



# FATAL LIVE FIRE ACCIDENTS

3 soldiers have died at NTC from direct fire incidents:

24 JAN 82 Soldier struck by 7.62mm bullet

08 DEC 84      Soldier struck by .50 cal bullet

17 JUN 98 Soldier in M113 struck by 25mm round



# LIVE FIRE LEADER BRIEFING

# NATIONAL TRAINING CENTER

[www.irwin.army.mil/dragon/index.htm](http://www.irwin.army.mil/dragon/index.htm)

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